



## Nysan Fabric Specifications SuperScreen Fabrics

- 2.3 Fabric Schedule
- 2.3.1 Fabric: "Nysan SuperScreen 500"
- 2.3.1.1 Fabric weight 12.7 oz/yd<sup>2</sup>
- 2.3.1.2 Fabric Thickness 21 mil
- 2.3.1.3 Break Strength warp 150daN/5cm  
weft 150daN/5cm
- 2.3.1.4 Flame Res.: 0.0 sec after flame
- 2.3.1.5 Fuel contributed value: 0
- 2.3.1.6 Average Openness: ±5%
- 2.3.1.7 Elongation to breaking: 1-7%
- 2.3.1.8 Colorfastness to light: 7/8
- 2.3.1.9 Tear Resistance: 13-18 lbs/2"
- 2.3.1.10 Char Length (inches): 0.2
- 2.3.1.11 Color: Standard Colors
- 2.3.1.12 Composition: Fabric made with PVC coated fiberglass yarns  
(Fiberglass 36%, PVC 64%)
- 2.3.2 Fabric:
- 2.3.2.1 Waterproof, washable, rot proof.
- 2.3.2.2 Flame resistant in accordance with California Flame Test, Title 19 Public Safety, Section 1237.1 small scale test.
- 2.3.2.3 Tested in accordance with ASHRAE Standard 74073, "Methods of Measuring Solar-Optical Properties of Materials" and flame spread to NFPA 701-1996 TM#1, Standard Methods of Fire Tests for Flame Resistant Textiles and Films 1996 edition - test method #1 (Small Scale) Toxicity: UPITT Fungal resistance: ASTM G21 Bacterial Resistance, ASTM G22
- 2.3.3 Fabric to be chosen from standard range of colors.

End Of Section

August 13, 2008

**Fenestration Properties for Nysan SuperScreen 5% Average Openness Factor**

<u>DESCRIPTION</u>	<b>SHADING COEFFICIENTS</b>							
	<u>Ts</u>	<u>Rs</u>	<u>As</u>	<u>Tv</u>	<u>O-F</u>	<u>1/8" CL</u>	<u>1/4" CL</u>	<u>1/4" H.A.</u>
White	20	63	17	15	6	0.36	0.36	0.38
White Pearl	16	49	35	12	5	0.45	0.44	0.38
White Linen	21	56	23	15	6	0.42	0.41	0.36
White Lotus	21	56	23	15	5	0.42	0.41	0.36
White Stone	22	56	22	15	6	0.42	0.41	0.36
Pearl	15	35	50	11	5	0.55	0.53	0.42
Pearl Linen	19	40	41	13	5	0.53	0.51	0.41
Pearl Lotus	18	40	42	13	5	0.52	0.51	0.41
Linen	18	51	31	12	5	0.45	0.44	0.37
Linen Stone	23	48	29	15	5	0.48	0.47	0.39
Linen Ultramarine	12	27	61	9	5	0.60	0.57	0.44
Pewter	8	4	88	8	8	0.74	0.70	0.51
Pewter Lotus	12	27	61	9	6	0.60	0.57	0.44
Pewter Ultramarine	8	15	77	7	6	0.67	0.64	0.48
Pewter Green	8	16	76	7	6	0.68	0.63	0.47
Charcoal	6	5	89	7	5	0.73	0.69	0.51
Charcoal Pewter	6	10	84	7	5	0.70	0.66	0.49
Charcoal Bronze	6	7	87	7	5	0.72	0.68	0.50
Charcoal Lotus	8	16	76	8	5	0.66	0.63	0.47
Charcoal Ultramarine	6	7	87	7	5	0.72	0.68	0.50
Charcoal Green	6	7	87	7	5	0.72	0.68	0.50

